Index to Volume XXII

Abbreviations:—'(P)' refers to the summaries of papers read at the General Meetings of the Association of Clinical Pathologists or at other meetings or symposia. 'L' refers to letters to the Editor.

Adenomatoid hamartoma of lung in neonate, **401**
Adenosine diphosphate and thrombin, rate of platelet aggregation with, relation to platelet retention in glass bead columns, **560**
dl Adrenaline and oxidase-peroxidase system for determination of blood glucose, **158**
Agglutinins, Brucella, modified test with protamine sulphate for, **527**
AHMED, A., DODGE, O. G., and KIRK, R. S.: Chemodectoma of the orbit, **584**
ALBERT, S. *See* WOLF, P. L., SILBERBERG, B., ALBERT, S., HORWITZ, J., and VON DER MUEHLL, E.
ALDER, V. G. *See* GOLDIE, D. J., ALDER, V. G., and GILLESPIE, W. A.
——. *See* LACEY, R. W., ALDER, V. G., and GILLESPIE, W. A.
ALEXANDER, J. G.: A case of fatal *Clostridium welchii* toxaemia due to ward infection (P), **508**
——, and TEAL, I.: New syringe type of microtitre apparatus for virus and other serological tests, **505**
ALI, S. A.: Haemoglobin H disease in Arabs in Kuwait, **226**
ALLINGTON, M. J. *See* DALAL, P. M., SHAH, P. M., ALLINGTON, M. J., and SHARP, A. A.
AMERY, A., VERMYLEN, J., and VERSTRAETE, M.: Recent progress in thrombolytic therapy (P), **371**
4-Amino phenazone as oxygen acceptor in determination of blood glucose (L), **246**
Aminoaciduria in pernicious anaemia (P), **742**
Amoeba, soil, free-living, of genus Hartmannella, contamination of virological tissue cultures with, **254**
Amoebiasis, fluorescent antibody test in, evaluation in clinical practice, **427**
——, modified indirect haemagglutination test for, **530**
Amoebic meningoencephalitis, primary, *Naegleria* sp. isolated in, sensitivity to amphotericin B and other drugs of, **470**
Ampicillin, sensitivity of Gram-negative bacilli to, after 6 years' clinical usage, **644**
Amyloid, diagnostic histochemistry of, evaluation of methods, **410**
Anaemia, pernicious, aminoaciduria in (P), **742**
——, ——, plasma cobalamin values, comparison with normal subjects (L), **506**
Anastomotic ulcer, Gram-negative septicaemia during haemorrhage from, **642**
Antibacterial activity, comparative, of hexachlorophane in different formulations for skin disinfection, **90**
Antibiotics, changes in sensitivity of non-hospital staphylococci to (1949-69) (P), **745**
——, effect on serum vitamin B_{12} levels estimated by *Lactobacillus leichmannii* assay, **672**
——, susceptibility of *Mycoplasma hominis* to, **483**
Antibodies, serum, detection by immunofluorescence, storage of virus-infected tissue culture substrates for, **737**
Antihaemophilic factor *See* Factor VIII
Antimicrobial agents, effect on Euglena method of serum vitamin B_{12} assay, **554**
APARICIO, S. R., and MARSDEN, P.: Application of standard micro-anatomical staining methods to epoxy resin-embedded sections, **589**
Arterial thrombosis, acute, treatment with intra-arterial streptokinase perfusion (P), **374**
ARYA, S. C., GHOSH, E., and BANERJEE, P. L.: Effect of rust on haemagglutination test, (L), **246**
Asbestos levels in lung (P), **507**
Ascorbic acid in platelets, estimation of, **453**
—— —— —— preparation of intrinsic factor control for radioisotopic assay of vitamin B_{12} (L), **505**
Aspergillosis and farmer's lung, precipitins in normal and other sera relevant to, **519**
Association of Clinical Biochemists: Reports and Bulletins, **106, 211, 366, 452, 620**
Association of Clinical Pathologists: 82nd General Meeting, **507**
—— —— —— —— ——: 83rd General Meeting, **741**
ASTRUP, T. *See* TYMPANIDIS, K., and ASTRUP, T.
Atomic absorption spectrophotometry, micro determination of plasma and erythrocyte copper by, **136**
ATTRIDGE, P. W. *See* TROTT, P. A., WILLIAMS, G., and ATTRIDGE, P. W.
Australia antigen and laboratory tests in viral hepatitis (P), **744**
AutoAnalyzer, output from, computer system for on-line acquisition of, **609**
—— SMA-4, evaluation of, **11**
—— ——, experience with, **19**
Automatic analysis instruments in clinical biochemistry laboratory, evaluation of, **278**
—— apparatus for Wassermann and Reiter complement-fixation tests using discrete analysis, **501**
Automation and data processing in pathology, Symposium on, **510**
—— in laboratory, **1**
——, role in research and development, **628**
AZZOPARDI, J. G., and WHITTAKER, R. S.: Bronchial carcinoma and hypercalcaemia, **718**

Bacteria, Gram-negative, in burns, **634**
——, ——, sensitivity to ampicillin after 6 years' clinical usage, **644**
——, —— —— —— combinations of colistin and sulphonamides (P), **745**
——, growth in culture media, action of light on, **273**
——, plating out on solid medium, rotary machine for (L), **623**
Bacteriuria, quantitative and qualitative microbiological screening test for, **651**
BANERJEE, P. L. *See* ARYA, S. C., GHOSH, E., and BANNERJEE, P. L.
BANGHAM, D. R.: Reference preparations and thrombolytic therapy (P), **375**
Bantu, siderosis in, aetiology of extrahepatic epithelial iron deposits in, **296**
Barbiturates, Curry's test for (L), **738**
——, detection and determination in biological materials, interference by other substances in, **291**
Barium sulphate in faeces, estimation by emission flame photometry, **378**
BARKHAN, P. *See* RAVEN, J. L., ROBSON, M. B., and BARKHAN, P.
——. *See* RAVEN, J. L., ROBSON, M. B., WALKER, P. L., and BARKHAN, P.
BARON, D. N. *See* LEWIN, M. R., WILLS, M. R., and BARON, D. N.
BASSON, V., and SHARP, A. A.: Monospot: a differential slide test for infectious mononucleosis, **324**
BAYLIS, E. M. *See* GRIFFITHS, A. W., SYLVESTER P. E., and BAYLISS, E. M.
BEARD, M. E. J., and TAYLOR, D. J. E.: Renal vein thrombosis in cases of polyarteritis nodosa and of the Henoch-Schoenlein syndrome, **396**
BEATTIE, E., and MUCKLE, T. J.: Simplified method of filling the wells accurately in gel immunodiffusion plates (L), **114**
BECK, J. S., DAWSON, A. A., HENDERSON, J. G., and STRACHAN, R. W.: Economic and laboratory considerations in screening for vitamin B_{12} deficiency in psychiatric practice, **317**
BELFIELD, A., and GOLDBERG, D. M.: Activation of serum 5′ nucleotidase by magnesium ions and its diagnostic applications, **144**
BELL, J. L.: Comparative study of immunological tests for pregnancy diagnosis, **79**
BELL, T. K.: Assay of diagnostic radioisotopes in large liquid volumes with a well-type crystal in the end-on position, **240**
BELLCHAMBERS, L. A., RINSLER, M. G., and SIGNY, A. G.: Computer-assisted method for compiling a blood group register, **229**
Berkefeld filtration, effect on binding activity of gastric juice, **162**
Beta-aminoisobutyric acid, urinary excretion in thalassaemia, **154**
BEVAN, B. *See* BLOOM, A. L., GIDDINGS, J. C., BEVAN, B., LETTON, M., and DRUMMOND, R. J.
BEW, F. E. *See* DIKE, G. W. R., BEW, F. E., and HOPWOOD, G. G.
Bilirubin, plasma, total, Michaëlsson's method for measurement of, modification of, **439**
Biochemical analysis, Prize in, **626**
Biochemistry laboratory, clinical, automatic analysis instruments in, evaluation of, **278**
Biopsy, needle, of liver in suspected hepatitis, culture of, **701**
——, ——, smears from, in porphyria cutanea tarda, hepatic fluorescence in, **704**
——, renal, tissues embedded in epoxy resin for histological study in, **99**
BIRD, R. G. *See* ZUCKERMAN, A. J., BIRD, R. G., DUNKLEY, L. J., and LOVE, G. J.
BITENSKY, L. *See* STUART, J., BITENSKY, L., and CHAYEN, J.
BLACK, W. P. *See* GOVAN, A. D. T., BLACK, W. P., and SHARP, J. L.
Bladder neoplasia, diagnosis of, use of soluble swabs in, **731**
BLOMFIELD, J., and MACMAHON, R. A.: Micro determination of plasma and erythrocyte copper by atomic absorption spectrophotometry, **136**
Blood coagulation, effect of cobra venoms, **304**
—— ——, —— —— gaboon viper venom, **312**
—— —— process and plasminogen activation (P), **367**
—— counting machines *See* AutoAnalyzer SMA-4, Coulter counter
—— donors in National Blood Transfusion Service, plasma iron values in, **680**

—— ——, large-scale screening of, by automated Wassermann reaction, 236
—— glucose, determination of, using 4-amino phenazone as oxygen acceptor (L), 246
—— ——, ——, ——, —— oxidase-peroxidase system with non-carcinogenic chromogen (dl adrenaline), 158
—— group register, compilation by computer-assisted method, 229
—— platelets, adhesiveness of, estimation of, irregularities in (P), 742
—— ——, agglutination by serum factor in reticulum-cell sarcoma after EDTA treatment, 460
—— ——, aggregation, comparison of effects of heparin and citrate, 28
—— ——, ascorbic acid content, estimation of, 453
—— ——, effect of cobra venoms, 304
—— ——, enumeration with model B counter, 107
—— ——, retention in glass bead columns, relation to rate of aggregation with adenosine diphosphate and thrombin, 560
—— ——, production of cryoprecipitate antihaemophilic factor from, comparison of quick and slow thaw methods, 447
—— transfusion bottles, apparatus for shell freezing of liquids in, 111
BLOOM, A. L., and EVANS, E. P.: Relationship of platelet retention in glass bead columns to the rate of aggregation with adenosine diphosphate and thrombin, 560
——, GIDDINGS, J. C., BEVAN, B., LETTON, M., and DRUMMOND, R. J.: Comparison of quick and slow thaw methods of producing cryoprecipitate antihaemophilic factor from fresh and 24-hour-old blood, 447
BLYTH, H. M., and OCKENDEN, B. G.: A clinico-pathological and family study of polycystic disease of the kidneys and liver in children (P), 508
Bone changes in polycythaemia vera and myelosclerosis, 696
Book reviews:
Bancroft, J. D.: *An Introduction to Histochemical Technique*, 1967, 248
Baroldi, G., and Scomazzoni, G.: *Coronary Circulation in the Normal and Pathologic Heart*, 1967, 510
Bennett, J. C., ed.: *Vistas in Connective Tissue Diseases*, 1968, 739
Beutler, E., ed.: *Hereditary Disorders of Erythrocyte Metabolism*, 1968, 115
Ciba Foundation Study Group No. 30: *The Balkan Nephropathy*, 1967, 115
Cowan, S. T.: *A Dictionary of Microbial Taxonomic Usage* (University Reviews in Botany), 1968, 381
Dacie, J. V., and Lewis, S. M.: *Practical Haematology*, 4th ed., 1968, 247
Dougherty, C. M.: *Surgical Pathology of Gynecologic Disease*, 1968, 624
Eastham, R. D., and Jancar, J.: *Clinical Pathology in Mental Retardation*, 1968, 624
Garrow, J. S., Smith, R., and Ward, E. E.: *Electrolyte Metabolism in Severe Infantile Malnutrition*, 1968, 381
Gillies, R. R.: *Lecture Notes on Bacteriology*, 1968, 625
Gold, J., ed.: *Textbook of Gynecologic Endocrinology*, 1968, 116
Hess, M. W.: *Experimental Thymectomy*, 1968, 382
Jacobs, M.: *Malignant Lymphomas and Their Management* (Recent Results in Cancer Research, vol. 16), 1968, 739
Jadassohn, J., ed.: *Handbuch der Haut- und Geschlechtskrankheiten*, Bd. I, Th. I, *Normale und pathologische Anatomie der Haut*, I, 1968, 625
Jonxis, J. H. P., and Huisman, T. H. J.: *A Laboratory Manual on Abnormal Haemoglobins*, 2nd ed., 1968, 626
Latner, A. L., and Skillen, A. W.: *Isoenzymes in Biology and Medicine*, 1968, 510
McDonald, G. A., Dodds, T. C., and Cruickshank, B.: *Atlas of Haematology*, 2nd ed., 1968, 740
Mack, H. C., ed.: *The Ovary*, 1968, 624
Maizels, M., Prankerd, T. A. J., and Richards, J. D. M.: *Haematology in Diagnosis and Treatment*, 1968, 247
Molander, D., and Pack, G.: *Hodgkin's Disease*, 1968, 247
Pearse, A. G. E.: *Histochemistry, Theoretical and Applied*, 3rd ed., vol. 1, 1968, 625
Pickering, Sir G.: *High Blood Pressure*, 2nd ed., 1968, 740
Rieser, P.: *Insulin, Membranes and Metabolism*, 1967, 115
Scheuer, P.: *Liver Biopsy Interpretation*, 1968, 624
Stokes, E. J.: *Clinical Bacteriology*, 3rd ed., 1968, 382
Tolansky, S.: *Interference Microscopy for the Biologist*, 1968, 116
Torpin, R.: *Fetal Malformations Caused by Amniotic Rupture during Gestation*, 1969, 739
Ugoley, A. M.: *Physiology and Pathology of Membrane Digestion*, 1968, 382
Wright, G. P., and Symmers, W. St. C.: *Systematic Pathology*, vols. 1 and 2, 1966, 381
Zemplenyi, T.: *Enzyme Biochemistry of the Arterial Wall as Related to Atherosclerosis*, 1968, 248
Books received, 740
BOOTH, J. R. *See* WAGSTAFF, W., FIRTH, R., BOOTH, J. R., and BOWLEY, C. C.
BOSE, A., BROSE, S. S., and HARTLEY, G.: Experiences with intraarterial streptokinase perfusion in the treatment of acute arterial thrombosis (P), 374
BOURNE, G. L. *See* RUOSS, C. F., and BOURNE, G. L.
BOWLEY, C. C. *See* WAGSTAFF, W., FIRTH, R., BOOTH, J. R., and BOWLEY, C. C.
BOYD, J. F.: Disseminated fibrin thromboembolism among neonates dying more than 48 hours after birth, 663
BOYDE, T. R. C.: Device for eluting proteins from starch gel by freezing and thawing, 379
Breast, carcinoma of, incidence in chronic mastitis with epitheliosis, 340
BRIGHTON, W. D. *See* TAYLOR, P. E., ZUCKERMAN, A. J., and BRIGHTON, W. D.
Bronchial carcinoma and hypercalcaemia, 718
—— ——, *in situ* and early infiltrating (P), 507
BROSE, S. S. *See* BOSE, A., BROSE, S. S., and HARTLEY, G.
BROWN, R. A. G. *See* TODD, A. S., WOOD, S. M., ROBERTSON, J., and BROWN, R. A. G.
BROZOVICH, B., and COPESTAKE, J.: Semi-automated micromethod for estimating the unsaturated iron-binding capacity of serum using radioactive iron, 605
Brucella agglutinins, modified test with protamine sulphate for, 527
BUCHANAN, W. M.: Aetiology of extrahepatic epithelial iron deposits in siderosis in Bantu, 296
Buerger's disease, 573
BURKE, C. W.: Uncertainties in the determination of the 'cortisol-binding capacity' of plasma and their removal, 683
BURNETT, D., GOUDIE, J. H., and SHERRIFF, J. M.: Detection of methaqualone and its metabolites in urine, 602
Burns, Gram-negative bacilli in, 634

C-reactive protein in malaria, 430
CAHALANE, S. F.: Laboratory aspects of phenylketonuria detection and treatment (P), 509
Calcification, pulmonary, in viral pneumonia, 361
Calcium, plasma, ultramicrofluorimetric determination of, 222
——, urinary calcium/creatinine ratio as measure of urinary calcium excretion, 287
CAMERON, A. H. *See* JONES, E. L., and CAMERON, A. H.
Candida albicans and β-haemolytic streptococci, presence and persistence in vagina of, influence of oral contraceptives on, 488
Carbohydrate and lipid metabolism, effects of L-triiodothyronine, 132
Carcinoma, bronchial, and hypercalcaemia, 718
——, ——, *in situ* and early infiltrating (P), 507
——, cervical, vaginal fluid enzyme patterns in, 593
—— of breast, incidence in chronic mastitis with epitheliosis, 340
—— —— cervical epithelium, 391
—— —— lung, giant-cell, operable, pathology and survival in, 354
CARTER, N. W. *See* GRIFFITHS, P. D., and CARTER, N. W.
CARTER, R. F.: Sensitivity to amphotericin B of a *Naegleria* sp. isolated from a case of primary amoebic meningoencephalitis, 470
CARVILLE, J. M., and LEE, D.: Red cell suspension as a working standard (L), 738
——. *See also* MAYNE, E. E., and CARVILLE, J. M.
CASEMORE, D. P.: Contamination of virological tissue cultures with a species of free-living soil amoeba, 254
CASH, J. D., and MCGILL, R. C.: Fibrinolytic response to moderate exercise in young male diabetics and non-diabetics, 32
CASLING, M. F., and TRIBE, C. R.: Use of dichloro-difluoromethane aerosols in preparing frozen sections, 244
Catecholamines, metabolite excretion in spina bifida, 687
Cellulose acetate, separation of haemoglobins on, 109
Centrifugation, ultrafiltration by, simplified apparatus for, 622
Cervical carcinoma, vaginal fluid enzyme patterns in, 593
—— smears, television scanning by Quantimet (P), 743
Cervix uteri, aberrant glandular polypi of, associated with contraceptive pills, pathology and pathogenesis of, 84
—— ——, epithelial abnormalities of, histology and cytology of, 383
CHAKRABARTI, R., HOCKING, E. D., and FEARNLEY, G. R.: Reaction pattern to three stresses—electroplexy, surgery and myocardial infarction—cf fibrinolysis and plasma fibrinogen, 659
——. *See also* FEARNLEY, G. R., and CHAKRABARTI, R.
Charcoal, activated, use in radioimmunoassay of human growth hormone in plasma, 710
——, coated, intrinsic factor and $^{57}CoB_{12}$, method for measuring serum vitamin B_{12} using, 205
CHAYEN, J. *See* STUART, J., BITENSKY, L., and CHAYEN, J.
Chemistry, clinical, quantities and units in, 285
Chemodectoma, primary, of orbit, 584
Chloroquine resistance in *P. falciparum* infections (P), 509
Chromatography, paper, two-dimensional, in investigation of keto-acidurias, 422
Chromosome pattern, unusual, in leukaemia with mixed myeloid-lymphoid characteristics (P), 743
Cirrhosis of liver and transfusional siderosis, 567
Citrate, effect on platelet aggregation, comparison with heparin, 28
CLARKE, M. B. *See* FLUTE, P. T., KAKKAR, V. V., FLANC, C., O'SHEA, M. J., HOWE, C. T., and CLARKE, M. B.
Clinical biochemistry *See* Biochemistry
——, chemistry *See* Chemistry
Clostridium welchii toxaemia, fatal, due to ward infection (P), 508
Coagulation factors in chronic liver disease, 199
Cobalamins, plasma, estimation in normal subjects and in deranged vitamin B_{12} metabolism (P), 742
——, ——, patterns in controls and in vitamin B_{12} deficiency, 545
——, ——, values in normal subjects and in pernicious anaemia (L), 506

Cobra venoms, effect on blood coagulation, platelet aggregation and fibrinolysis, 304
COLE, F. M. *See* LONGSON, M., COLE, F. M., and DAVIES, D.
Colistin and sulphonamides, combined, antibacterial action of (P), 745
COLLEY, E. W. *See* JOHNSON, M. L., and COLLEY, E. W.
Complement-fixation tests, Wassermann and Reiter, automatic apparatus for, using discrete analysis, 501
Computer, desk, in clinical laboratory, work study of, 617
—— method for compiling blood group register, 229
—— system for on-line acquisition of output from AutoAnalyzers, 609
Conference of International Society of Geographical Pathology, 10th, 382
CONNOLLY, C. K., and WILLS, M. R.: Plasma 'cortisol' levels in right and left ventricular failure, 598
Contraceptives, oral, aberrant glandular polypi of uterine cervix associated with, pathology and pathogenesis of, 84
——, ——, influence on presence and persistence of *C. albicans* and β-haemolytic streptococci in vagina, 488
COOK, I. J. Y.: Urastrat (L), 623
COOPER, J. H.: An evaluation of current methods for the diagnostic histochemistry of amyloid, 410
COPESTAKE, J. *See* BROZOVICH, B., and COPESTAKE, J.
Copper, plasma and erythrocyte, micro determination by atomic absorption spectrophotometry, 136
Coronary thrombosis, thrombolytic therapy in (P), 373
Corrections, 113
Corticosteroid therapy, *Listeria monocytogenes* encephalitis associated with, 465
Cortisol binding capacity of plasma, determination by improved gel filtration method, 683
——, plasma levels in right and left ventricular failure, 598
Coulter counter, model B, enumeration of platelets with, 107
COWARD, R. F., SMITH, P., and SEAKINS, J. W. T.: Investigation of ketoaciduria by two-dimensional paper chromatography, 422
COWLING, D. C. *See* LIE, J. T., UNGAR, B., and COWLING, D. C.
Coxsackie virus group B, type 5, isolation from heart in fatal myocarditis in adult, 654
CRAIG, A. W., GARRETT, J. V., and JACKSON, S. M.: Quantitation of lymphocyte transformation using radioactive iododeoxyuridine, 558
Creatinine, urinary calcium/creatinine ratio as measure of urinary calcium excretion, 287
CROSS, R. M.: Hodgkin's disease: histological classification and diagnosis, 165
Cryoprecipitate antihaemophilic factor, production from blood, comparison of quick and slow thaw methods, 447
CURRY, A. S.: Curry's test for barbiturates (L), 738
Curry's test for barbiturates (L), 738
Cyanocobalamin. *See* Vitamin B_{12}

DALAL, P. M., SHAH, P. M., ALLINGTON, M. J., and SHARP, A. A.: Some observations on thrombolysis *in vitro* (P), 369
DARG, A. *See* DONALDSON, G. W. K., DAVIES, S. H., DARG, A., and RICHMOND, J.
Data processing with punched cards in haematology, 233
DAVIES, D. *See* LONGSON, M., COLE, F. M., and DAVIES, D.
DAVIES, D. M., HEATHCOTE, J. G., and MOONEY, F. S.: Aminoaciduria in pernicious anaemia (P), 742
DAVIES, S. H. *See* DONALDSON, G. W. K., DAVIES, S. H., DARG, A., and RICHMOND, J.
DAVIS, B., LILLY, H. A., and LOWBURY, E. J. L.: Gram-negative bacilli in burns, 634
DAVIS, P. S. *See* LLOYD, J. V., DAVIS, P. S., and LANDER, H.
DAWSON, A. A. *See* BECK, J. S., DAWSON, A. A., HENDERSON, J. G., and STRACHAN, R. W.
DE LOUVOIS, J.: Serotyping and the Dienes reaction on *Proteus mirabilis* from hospital infections, 263
DELLIPIANI, A. W., SAMSON, R. R., and GIRDWOOD, R. H.: Effect of Berkefeld filtration on the binding activity of human gastric juice, 162
DEMPSTER, A. G.: Adenomatoid hamartoma of the lung in a neonate, 401
Desk computer in clinical laboratory, work study of, 617
DEWAR, H. A., and MENON, I. S.: Thrombolytic therapy in coronary thrombosis (P), 373
Diabetes, fibrinolytic response to exercise in young men with, 32
Dialysis, peritoneal, before and after renal transplantation, peritoneal infections following, 539
Diarrhoea, traveller's, bacteriology of (P), 744
Dichloro-difluoromethane aerosols in preparation of frozen sections, 244
DICK, M.: Estimation of barium sulphate in faeces by emission flame photometry, 378
——, EVANS, R. A., and WATSON, L.: Effect of ethanol on magnesium excretion, 152
Dienes reaction and serotyping on *Proteus mirabilis* from hospital infections, 263
DIGNAM, C. T. *See* POWELL, D. E. B., THOMAS, J. H., MANDAL, A. R., and DIGNAM, C. T.
DIKE, G. W. R., BEW, F. E., and HOPWOOD, G. G.: Apparatus for shell freezing liquids in the standard blood transfusion bottles, 111
Disinfectants. *See* Resiguard
Disinfection of skin, comparative antibacterial activity of hexachlorophane in different formulations for, 90
DOAR, J. W. H. *See* STAMP, T. C. B., DOAR, J. W. H., and WYNN, V.
DODGE, O. G. *See* AHMED, A., DODGE, O. G., and KIRK, R. S.
DONALDSON, G. W. K., DAVIES, S. H., DARG, A., and RICHMOND, J.: Coagulation factors in chronic liver disease, 199
DONG, S. *See* LIM, P., JACOB, E., DONG, S., and KHOO, O. T.
DOUGLAS, A. S. *See* FORBES, C. D., TURPIE, A. G. G., FERGUSON, J. C., MCNICOL, G. P., and DOUGLAS, A. S.
——. *See* PRENTICE, C. R. M., NCNICOL, G. P., and DOUGLAS, A. S.
Drugs, enhancement of fibrinolysis by (P), 368
DRUMMOND, R. J. *See* BLOOM, A. L., GIDDINGS, J. C., BEVAN, B., LETTON, M., and DRUMMOND, R. J.
DUCKWORTH, T. *See* MCKIBBIN, B., O'GORMAN, L., and DUCKWORTH, T.
DUNKLEY, L. J. *See* ZUCKERMAN, A. J., BIRD, R. G., DUNKLEY L. J., and LOVE, G. J.
DYBKAER, R.: Quantities and units in clinical chemistry, 285
Dysplasia of cervical epithelium, 387
Dysplasias, lymphoreticular, immunoglobulins in, 117

EASTHAM, R. D.: The irrelevance of adhesive platelet estimation (P), 742
EASTHAM, W. N., and ESSEX, W. B.: Use of tissues embedded in epoxy resin for routine histological examination of renal biopsies, 99
EDWARDS, S. A. *See* FIELDING, J., EDWARDS, S. A., and RYALL, R.
Electron microscopy study of San Carlos viruses isolated from children with infectious hepatitis, 40
—— —— —— virus particles in *Herpes simplex* encephalitis, 51
Electroplexy, reaction pattern of fibrinolysis and plasma fibrinogen to, 659
Embolism, pulmonary, treated with streptokinase, haemodynamic and angiographic findings in (P), 373
Encephalitis, *Herpes simplex*, virus particles in, electron microscopy study of, 51
——, listerial, associated with corticosteroid therapy, 465
Endocarditis due to *Haemophilus aphrophilus*, 486
Endocervical canal, neoplastic change in, topography of, assessment by cytological method (P), 743
ENERBÄCK, L. *See* LUNDVALL, O., and ENERBÄCK, L.
Enzyme cytochemistry, quantitative, of leukaemic cells, 563
Epithelial abnormalities of cervix uteri, histology and cytology of, 383
Epitheliosis, chronic mastitis with, incidence of breast cancer in, 340
Epoxy resin-embedded tissue sections, application of standard microanatomical staining methods to, 589
—— —— —— —— for histological study of renal biopsies, 99
Erythroblasts, giant orthochromatic, significance of (P), 508
Erythrocyte and plasma copper, micro determination by atomic absorption spectrophotometry, 136
—— suspension as working standard (L), 738
Erythrocytes, folate activity, estimation of, 212
——, release of assayable folate from, factors influencing, 217
ESSEX, W. B. *See* EASTHAM, W. N., and ESSEX, W. B.
Ethanol, effect on magnesium excretion, 152
Ethylenediamine tetra-acetate treatment in reticulum-cell sarcoma, agglutination of platelets by serum factor after, 460
Euglena method of serum vitamin B_{12} assay, effect of antimicrobial agents, 554
EVANS, D. M. D.: A cytological method for assessing the topography of neoplastic change in the endocervical canal (P), 743
EVANS, E. P. *See* BLOOM, A. L., and EVANS, E. P.
EVANS, R. A. *See* DICK, M., EVANS, R. A., and WATSON, L.
Exercise, fibrinolytic response to, in young male diabetics and non-diabetics, 32
Eye, haemophili isolated from, identification of, 258

Factor VIII, cryoprecipitate, production from blood, comparison of quick and slow thaw methods, 447
Faeces, barium sulphate in, estimation by emission flame photometry, 378
Fanconi syndrome, adult, and multiple myelomatosis, 414
Farmer's lung and aspergillosis, precipitins in normal and other sera relevant to, 519
—— ——, precipitin tests using immunodiffusion and immunoosmophoresis in, influence of various parameters on sensitivity of, 515
FARRAND, R. J., MACCABE, A. F., and JORDAN, O. W.: *Haemophilus aphrophilus* endocarditis, 486
FARROW, L. J. *See* TAYLOR, P. E., ZUCKERMAN, A. J., and FARROW, L. J.
Fasting versus postprandial plasma zinc levels (L), 623
FEARNLEY, G. R., and CHAKRABARTI, R.: Pharmacological enhancement of fibrinolysis (P), 368
——. *See also* CHAKRABARTI, R., HOCKING, E. D., and FEARNLEY, G. R.
FEKETY, F. R., JR., *See* HARWICK, H. J., and FEKETY, F. R., JR.
FERGUSON, J. C. *See* FORBES, C. D., TURPIE, A. G. G., FERGUSON, J. C., MCNICOL, G. P., and DOUGLAS, A. S.
——. *See* MACKAY, N., FERGUSON, J. C., and MCNICOL, G. P.
FESSAS, P., KONIAVITIS, A., and ZEIS, P. M.: Urinary beta-aminoisobutyric acid excretion in thalassaemia, 154
Fibrin thromboembolism, disseminated, among neonates dying more than 48 hours after birth, 663
Fibrinogen degradation products, plasmin and plasmin inhibitors in serum, effect of streptokinase (P), 371
—— levels, effect of streptokinase (P), 371

Fibrinolysis and plasma fibrinogen, reaction pattern to electroplexy, surgery and myocardial infarction, 659
——, effect of cobra venoms, 304
——, pharmacological enhancement of (P), 368
Fibrinolytic activity, transient, in epithelium of rat uterus, 36
—— enzyme system, effect of gaboon viper venom, 312
—— response to exercise in young male diabetics and non-diabetics, 32
Fibroid polyps, inflammatory, recurrent familial, of small intestine (P), 743
FIELDING, J., EDWARDS, S. A., and RYALL, R.: Effect of sulphydryl inhibition on the uptake of transferrin-bound iron by reticulocytes, 677
Filter paper wicks in loading of starch gels, 242
Filtration, Berkefeld, effect on binding activity of gastric juice, 162
FINCH, W. J. *See* O'BRIEN, J. R., SHOOBRIDGE, S. M., and FINCH, W. J.
FIRTH, R. *See* WAGSTAFF, W., FIRTH, R., BOOTH, J. R., and BOWLEY, C. C.
Flame photometry, emission, estimation of barium sulphate in faeces by, 378
FLANC, C. *See* FLUTE, P. T., KAKKAR, V. V., FLANC. C., O'SHEA, M. J., HOWE, C. T., and CLARKE, M. B.
FLEWETT, T. H., PARKER, R. G. F., and PHILIP, W. M.: Acute hepatitis due to *Herpes simplex* virus in an adult, 60
Fluorescence, hepatic, in porphyria cutanea tarda in fine needle biopsy smears, 704
Fluorescent antibody test in amoebiasis, evaluation in clinical practice, 427
Fluorimetric method for ultramicro determination of calcium in plasma, 222
FLUTE, P. T., KAKKAR, V. V., FLANC, C., O'SHEA, M. J., HOWE, C. T., and CLARKE, M B.: The treatment of deep vein thrombosis (P), 372
Folic acid activity, red cell, estimation of, 212
—— ——, assayable, release from erythrocytes, factors influencing, 217
—— —— deficiency, effect on small intestinal absorption, 551
FORBES, C. D., TURPIE, A. G. G., FERGUSON, J. C., MCNICOL, G. P., and DOUGLAS, A. S.: Effect of gaboon viper (*Bitis gabonica*) venom on blood coagulation, platelets, and the fibrinolytic enzyme system, 312
FORSHAW, J.: Effect of vitamin B_{12} and folic acid deficiency on small intestinal absorption, 551
FORTT, R. W., and MATHIE, I. K.: Gliomatosis peritonei caused by ovarian teratoma, 348
FRENCH, E. A., and SITLANI, P. K.: Plasma iron values in National Blood Transfusion Service donors, 680
Frozen sections, dichloro-difluoromethane aerosols in preparation of, 244

Gaboon viper venom, effect on blood coagulation, platelets and fibrinolytic enzyme system, 312
GALLIE, E., and ROBSON, J.: Ascorbic acid in preparation of intrinsic factor control for vitamin B_{12} assay (L), 505
Gargoylism, urinary excretion of glycosaminoglycans in, 67
GARRETT, J. V. *See* CRAIG, A. W., GARRETT, J. V., and JACKSON, S. M.
GARROD, L. P., and WATERWORTH, P. M.: Effect of medium composition on the apparent sensitivity of *Pseudomonas aeruginosa* to gentamicin, 534
Gastric juice, binding activity, effect of Berkefeld filtration, 162
Gel filtration method, improved, for determination of plasma cortisol-binding capacity, 683
—— immunodiffusion plates, method of filling wells in (L), 114
Genital tract, female, benign and malignant lesions of, vaginal fluid enzyme patterns in, 593
Gentamicin, sensitivity of *Pseudomonas aeruginosa* to, effect of medium composition on, 534
GHOSH, E. *See* ARYA, S. C., GHOSH, E., and BANERJEE, P. L.
Giant-cell carcinoma of lung, operable, pathology and survival in, 354
GIBSON, J. W.: Comparative antibacterial activity of hexachlorophane in different formulations used for skin disinfection, 90
GIDDINGS, J. C. *See* BLOOM, A. L., GIDDINGS, J. C., BEVAN, B., LETTON, M., and DRUMMOND, R. J.
GILLESPIE, W. A. *See* GOLDIE, D. J., ALDER, V. G., and GILLESPIE, W. A.
——. *See* LACEY, R. W., ALDER, V. G., and GILLESPIE, W. A.
——. *See* LINTON, K. B., and GILLESPIE, W. A.
GIRDWOOD, R. H. *See* DELLIPIANI, A. W., SAMSON, R. R., and GIRDWOOD, R. H.
Glandular polypi, aberrant, of uterine cervix associated with contraceptive pills, pathology and pathogeneis of, 84
Glassware, adsorption of ^{59}Fe on, effects on data, 490
Gliomatosis peritonei caused by ovarian teratoma, 348
Globulins, serum levels, and infection in mongolism, 76
Glomerular capillaries, fine structural appearances in malignant hypertension, 579
Glucose, blood, determination of, using 4-amino phenazone as oxygen acceptor (L), 246
——, ——, —— —— oxidase-peroxidase system with non-carcinogenic chromogen (dl adrenaline), 158
Glycosaminoglycans, urinary excretion of, in gargoylism, 67
——, —— —— ——, modified screening test for (L), 379
GOLD, C.: Asbestos levels in human lungs (P), 507
GOLDBERG, D. M. *See* BELFIELD, A., and GOLDBERG, D. M.
GOLDIE, D. J., ALDER, V. G., and GILLESPIE, W. A.: Changes in antibiotic sensitivity of staphylococci in a non-hospital population during the past 20 years (P), 745
GOODALL, H. B.: Significance of the giant orthochromatic erythroblast (P), 508
GOODHART, J. M., and KINGSTON, G. R.: Modification of the method for the estimation of xylose in urine, 621
GORDON, A. M.: Observations on a new disinfectant, 496
GOUDIE, J. H. *See* BURNETT, D., GOUDIE, J. H., and SHERRIFF, J. M.
GOVAN, A. D. T., BLACK, W. P., and SHARP, J. L.: Aberrant glandular polypi of the uterine cervix associated with contraceptive pills: pathology and pathogenesis, 84
——, HAINES, R. M., LANGLEY, F. A., TAYLOR, C. W., and WOODCOCK, A. S.: The histology and cytology of changes in the epithelium of the cervix uteri, 383
GOWLAND, E., KAY, H. E. M., SPILLMAN, J. C., and WILLIAMSON, J. R.: Agglutination of platelets by a serum factor in the presence of EDTA, 460
Gram-negative bacteria in burns, 634
—— ——, sensitivity to ampicillin after 6 years' clinical usage, 644
—— ——, —— —— combinations of colistin and sulphonamides (P), 745
—— septicaemia during haemorrhage from anastomotic ulcer, 642
GREEN, A. E., MIDDLETON, V. L., PRENTIS, K. G., and SIGNY, A. G.: A report on experience with an automatic blood counting machine, 19
GREENMAN, D. A. *See* TENNANT, G. B., and GREENMAN, D. A.
GREGORY, M.: Mechanical rotary device for plating out (L), 623
GRIFFITHS, A. W., SYLVESTER, P. E., and BAYLIS, E. M.: Serum globulins and infection in mongolism, 76
GRIFFITHS, P. D., and CARTER, N. W.: On-line acquisition of the output of AutoAnalyzers, 609
Growth hormone, human, in plasma, radioimmunoassay using activated charcoal, 710

Haemagglutination test, effect of rust (L), 246
—— ——, indirect, for amoebiasis, modification of, 530
Haematological aspects of renal transplantation (P), 742
Haematology, punch card data processing in, 233
Haemoglobin H disease in Kuwait Arabs, 226
Haemoglobincyanide, International Reference Solution, 626
Haemoglobins, separation in cellulose acetate, 109
Haemophili isolated from eye swabs, identification of, 258
Haemophilus aphrophilus endocarditis, 486
Haemorrhage from anastomotic ulcer, Gram-negative septicaemia during, 642
HAGHIGHI, L.: C-reactive protein in malaria, 430
HAINES, R. M. *See* GOVAN, A. D. T., HAINES, R. M., LANGLEY, F. A. TAYLOR, C. W., and WOODCOCK, A. S.
HALSTED, J. A. *See* MCBEAN, L., and HALSTED, J. A.
Hamartoma, adenomatoid, of lung in neonate 401
HARRIS, D. M.: Staining of urinary leucocytes as an aid to the diagnosis of inflammation in the urinary tract, 492
HARRIS, M.: The cellular infiltrate in Hashimoto's disease and focal lymphocytic thyroiditis, 326
HARTLEY, G. *See* BOSE, A., BROSE, S. S., and HARTLEY, G.
Hartmannella amoeba, free-living, contamination of virological tissue cultures with, 254
HARVEY, R. F.: Thyroid function tests (L), 113
HARWICK, H. J., and FEKETY, F. R., JR.: The antibiotic susceptibility of *Mycoplasma hominis*, 483
Hashimoto's disease and focal lymphocytic thyroiditis, cellular infiltrate in, 326
Heart, isolation of Coxsackie virus group B, type 5, from, in fatal myocarditis in adult 654
HEATHCOTE, J. G. *See* DAVIES, D. M., HEATHCOTE, J. G., and MOONEY, F. S.
HENDERSON, J. G. *See* BECK, J. S., DAWSON, A. A., HENDERSON, J. G., and STRACHAN, R. W.
HENDERSON, R. J.: Q fever and leptospirosis in the dairy farming community and allied workers in Worcestershire, 511
Henoch-Schoenlein syndrome, renal vein thrombosis in, 396
Heparin and streptokinase, value in treatment of acute deep vein thrombosis (P), 372
——, effect on platelet aggregation, comparison with citrate 28
Hepatic fluorescence in porphyria cutanea tarda in fine needle biopsy smears, 704
Hepatitis, acute, due to *Herpes simplex* virus in adult, 60
——, infectious, San Carlos viruses isolated from children with, electron microscopy study of, 40
——, suspected, culture of needle biopsies of liver in, 701
——, viral, laboratory tests in, and Australia antigen (P), 744
Herpes simplex encephalitis, virus particles in, electron microscopy study of, 51
—— virus, acute hepatitis in adult due to, 60
HESS, J.: Review of current methods for the detection of *Trichomonas* in clinical material, 269
Hexachlorophane, comparative antibacterial activity in different formulations for skin disinfection, 90
HOCKING, E. D. *See* CHAKRABARTI, R., HOCKING, E. D., and FEARNLEY G. R.
Hodgkin's disease, histological classification and diagnosis, 165

HOFFBRAND, A. V. *See* LINNELL, J. C., HOFFBRAND, A. V., PETERS, T. J., and MATTHEWS, D. M.
HOLT, R. J.: The classification of staphylococci from colonized ventriculo-atrial shunts, 475
——: Studies on staphylococci from colonized ventriculo-atrial shunts (P), 745
HOPWOOD, G. G. *See* DIKE, G. W. R., BEW, F. E., and HOPWOOD, G. G.
Hormone secretion by thymic tumour, fine structural evidence for, 407
HORN, M. E., KNAPP, M. S., PAGE, F. T., and WALKER, W. H. C.: Adult Fanconi syndrome and multiple myelomatosis, 414
HORWITZ, J. *See* WOLF, P. L., SILBERBERG, B., ALBERT, S., HORWITZ, J., and VON DER MUEHLL, E.
HOWE, C. T. *See* FLUTE, P. T., KAKKAR. V. V., FLANC, C., O'SHEA, M. J., HOWE, C. T., and CLARKE, M. B.
HURLEY, R.: Monovalent typhoid vaccine (L), 738
HUSAIN, O. A. N.: Television scanning of cervical smears: the Quantimet (P), 743
Hypercalcaemia and bronchial carcinoma, 718
Hypertension, malignant, fine structural appearances of glomerular capillaries in, 579

Immunodiffusion and immunoosmophoresis, precipitin tests in farmer's lung using, influence of various parameters on sensitivity of, 515
Immunoelectrophoretic patterns of serum, detection of deficiencies in, 242
Immunofluorescence and localization of Tamm-Horsfall mucoprotein in kidney, 334
——, detection of serum antibodies by, storage of virus-infected tissue culture substrates for, 737
Immunoglobulins and lymphoreticular dysplasias, 117
Immunological tests for pregnancy diagnosis, comparative study of, 79
Infection in mongolism and serum globulins, 76
INGHAM, H. R., and TURK, D. C: Haemophili from eyes, 258
Instruments for automatic analysis in clinical biochemistry laboratory, evaluation of, 278
International Society of Geographical Pathology, 10th Conference, 382
Intestinal and squamous metaplasia of renal pelvis, combined, 187
Intestine, small, absorption, effect of vitamin B_{12} and folic acid deficiency, 551
——, ——, recurrent familial inflammatory fibroid polyps of (P), 743
Intrinsic factor, $^{57}CoB_{12}$ and coated charcoal, method for measuring serum vitamin B_{12} using, 205
—— —— content of gastric juice, effect of Berkefeld filtration, 162
—— —— control prepared with ascorbic acid for radioisotopic assay of vitamin B_{12} (L) 505
Iododeoxyuridine, radioactive, for quantitation of lymphocyte transformation, 558
Iron deposits, extrahepatic epithelial, in siderosis in Bantu, aetiology of, 296
——, determination in solutions containing iron complexes, 301
——, ^{59}Fe adsorption on glassware, effects on data, 490
——, plasma levels, in National Blood Transfusion donors, 680
——, radioactive, semi-automated micromethod using, for estimation of unsaturated iron-binding capacity of serum, 605
——, transferrin-bound, uptake by reticulocytes, effect of sulphydryl inhibition, 677
IRONSIDE, P.: Detection of deficiencies in immunoelectrophoretic patterns, 242

JACKSON, S. M. *See* CRAIG, A. W., GARRETT, J. V., and JACKSON, S. M.
JACOB, E. *See* LIM, P., JACOB, E., DONG, S., and KHOO, O. T.
JACOBS, H. S.: Use of activated charcoal in the radioimmunoassay of human growth hormone in plasma, 710
JAMESON, J. E.: Influence of various parameters on the sensitivity of precipitin tests in farmer's lung by immunodiffusion and immunoosmophoresis, 515
——: Precipitins with relevance to farmer's lung and aspergillosis in normal and other sera, 519
JEANES, A. L.: Evaluation in clinical practice of the fluorescent amoebic antibody test, 427
JOHNSON, M. L., and COLLEY E. W.: *Listeria monocytogenes* encephalitis associated with corticosteroid therapy, 465
JONES, E. L., and CAMERON, A. H.: Pulmonary calcification in viral pneumonia, 361
JORDAN, O. W. *See* FARRAND, R. J., MACCABE, A. F., and JORDAN, O. W.

Kabi Pharmaceuticals Symposium on thrombolytic therapy, 367
KAKKAR, V. V. *See* FLUTE, P. T., KAKKAR, V. V., FLANC, C., O'SHEA, M. J., HOWE, C. T., and CLARKE, M. B.
KAY, H. E. M. *See* GOWLAND, E., KAY, H. E. M., SPILLMAN, J. C., and WILLIAMSON, J. R.
KENNEDY, A.: Pathology and survival in operable cases of giant-cell carcinoma of the lung, 354
KERNAGHAN, T. *See* SMITH, M. D., and KERNAGHAN, T.
KESTER, R. C.: Pasminogen activator in the human prostate, 442
Ketoacidurias, investigation by two-dimensional paper chromatography, 422
KHOO, O. T. *See* LIM, P., JACOB, E., DONG, S., and KHOO, O. T.
Kidney and liver, polycystic disease of, in children, clinico-pathological and family study (P), 508
——, Tamm-Horsfall mucoprotein in, immunofluorescent localization of, 334
KINGSTON, G. R. *See* GOODHART, J. M., and KINGSTON, G. R.
KIRK, R. S. *See* AHMED, A., DODGL, O. G., and KIRK, R. S.
KNAPP, M. S. *See* HORN, M. E. KNAPP, M. S., PAGE, F. T., and WALKER, W. H. C.
KOHN, J.: Separation of haemoglobulins on cellulose acetate, 109
KONIAVITIS, A. *See* FESSAS, P., KONIAVITIS, A., and ZEIS, P. M.
KRUPP, I. M.: Modification of the indirect haemagglutination test for amoebiasis, 530
Kuwait Arabs, haemoglobin H disease in, 226

Laboratory automation, 1
LABORATORY EQUIPMENT AND METHODS ADVISORY GROUP: Recommended scheme for the evaluation of instruments for automatic analysis in the clinical biochemistry laboratory, 278
LACEY, R. W., ALDER, V. G., and GILLESPIE, W. A.: The survival of *Staphylococcus aureus* on skin (P), 745
Lactate dehydrogenase isoenzymes, serum, anomaly in (P), 746
Lactobacillus leichmannii assay, serum vitamin B_{12} levels estimated by, comparison with radioisotopic method (P), 741
—— —— ——, ——, effect of drugs on, 672
LAMONT, A. *See* LAPPIN, T. R. J., LAMONT, A., and NELSON, M. G.
LANDER, H. *See* LLOYD, J. V., DAVIS, P. S., and LANDER, H.
LANGLEY, F. A. *See* GOVAN, A. D. T., HAINES, R. M., LANGLEY, F. A., TAYLOR, C. W., and WOODCOCK, A. S.
LAPPIN, T. R. J., LAMONT, A., and NELSON, M. G.: An evaluation of the AutoAnalyzer SMA-4, 11
LAU, K. S., and WHITE, J. C.: Myelosclerosis associated with systemic lupus erythematosus in patients in West Malaysia, 433
LEE, D. *See* CARVILLE, J. M., and LEE, D.
LEIGH, D. A.: Peritoneal infections in patients on long-term peritoneal dialysis before and after human cadaveric renal transplantation, 539
Leptomeninges, melanoma and pigmentation of, in Ugandan Africans, 183
Leptospirosis and Q fever in dairy farming community and allied workers of Worcestershire, 511
LETTON, M. *See* BLOOM, A. L., GIDDINGS, J. C., BEVAN, B., LETTON, M., and DRUMMOND, R. J.
Leucocytes, urinary, staining of, in diagnosis of urinary tract inflammation, 492
Leukaemia with mixed myeloid-lymphoid characteristics and unusual chromosome pattern (P), 743
Leukaemic cells, quantitative enzyme cytochemistry of, 563
—— myeloid cells and newborn neutrophils, histochemical similarities between 458
LEWIN, M. R.: Simplified apparatus for ultrafiltration by centrifugation 622
——, WILLS, M. R., and BARON, D. N.: Ultramicrofluorimetric determination of calcium in plasma, 222
LEWIS, G. P., MACLENNAN, W. J., and MILLER, S.: Loading starch gels using filter paper wicks, 242
LEWIS, M. G.: Melanoma and pigmentation of the leptomeninges in Ugandan Africans, 183
LIE, J. T., UNGAR, B., and COWLING, D. C.: Effect of antimicrobial agents on the Euglena method of serum vitamin B_{12} assay, 554
Light, action on culture media, 273
LILLY, H. A. *See* DAVIS, B., LILLY, H. A., and LOWBURY, E. J. L.
LIM, P., JACOB, E., DONG, S., and KHOO, O. T.: Values for tissue magnesium as a guide in detecting magnesium deficiency, 417
LINES, J. G.: Work study of a desk computer in the clinical laboratory, 617
LINNELL, J. C., HOFFBRAND, A. V., PETERS, T. J., and MATTHEWS, D. M.: Estimation of individual plasma B_{12} compounds in normal subjects and patients with deranged B_{12} metabolism (P), 742
——, MACKENZIE, H. M., and MATTHEWS, D. M.: Normal values for individual plasma cobalamins (L), 506
——, ——, WILSON, J., and MATTHEWS, D. M.: Patterns of plasma cobalamins in control subjects and in cases of vitamin B_{12} deficiency, 545
LINTON, K. B., and GILLESPIE, W. A.: Collection of urine from women for bacteriological examination, 376
Lipid and carbohydrate metabolism, effects of L-triiodothyronine, 132
Liquid volumes, large, assay of diagnostic radioisotopes in, with well-type crystal in end-on position, 240
Listeria monocytogenes encephalitis associated with corticosteroid therapy, 465
Liver and kidney, polycystic disease of, in children, clinico-pathological and family study (P), 508
—— cirrhosis and transfusional siderosis, 567
—— disease, chronic, coagulation factors in, 199
——, needle biopsies in suspected hepatitis, culture of, 701
LLOYD, J. V., DAVIS, P. S., and LANDER, H.: New method for the estimation of platelet ascorbic acid, 453
London hospital, incidence of toxoplasmosis in women at, 649
LONGSON, M., COLE, F. M., and DAVIES, D.: Isolation of a Coxsackie virus group B, type 5, from the heart of a fatal case of myocarditis in an adult, 654

LOVE, G. J. *See* ZUCKERMAN, A. J., BIRD, R. G., DUNKLEY, L. J., and LOVE, G. J.
LOWBURY, E. J. L. *See* DAVIS, B., LILLY, H. A., and LOWBURY, E. J. L.
LUNDIE, A. R. T.: Chloroquine-resistant *P. falciparum* infections (P), 509
LUNDVALL, O., and ENERBÄCK, L.: Hepatic fluorescence in porphyria cutanea tarda studied in fine needle aspiration biopsy smears, 704
Lung, adenomatoid hamartoma of, in neonate, 401
——, asbestos levels in (P), 507
——, carcinoma of, giant-cell, operable, pathology and survival in, 354
——. *See also* Pulmonary
Lupus erythematosus, systemic, associated with myelosclerosis in West Malaysia, 433
Lymphocyte transformation, quantitation with radioactive iododeoxyuridine, 558
Lymphocytic thyroiditis, focal, and Hashimoto's disease, cellular infiltrate in, 326
Lymphoid and myeloid characteristics, mixed, in leukaemia (P), 743
—— cells, infiltrating, in Hashimoto's disease and focal lymphocytic thyroiditis, 326
Lymphoreticular dysplasias, immunoglobulins in, 117

MACADAM, R. F.: Fine structural appearances of glomerular capillaries in a case of malignant hypertension, 579
——, and VETTERS, J. M.: Fine structural evidence for hormone secretion by a human thymic tumour, 407
MCBEAN, L., and HALSTED, J. A.: Fasting versus postprandial plasma zinc levels (L), 623
MACCABE, A. F. *See* FARRAND, R. J., MACCABE, A. F., and JORDAN, O. W.
MCGILL, R. C. *See* CASH, J. D., and MCGILL, R. C.
MACGILLIVRAY, J. B.: The problem of 'chronic mastitis' with epitheliosis 340
MACKAY, N., FERGUSON, J. C., and MCNICOL, G. P.: Effects of three cobra venoms on blood coagulation, platelet aggregation, and fibrinolysis, 304
MACKAY-SCOLLAY, E. M.: A simple quantitative and qualitative microbiological screening test for bacteriuria, 651
MACKENZIE, H. M. *See* LINNELL, J. C., MACKENZIE, H. M., and MATTHEWS, D. M.
——. *See* LINNELL, J. C., MACKENZIE, H. M., WILSON, J., and MATTHEWS, D. M.
MCKENZIE, I. F. C., and MORRIS, P. J.: Use of microplates for monolayer tissue cultures, 503
MCKENZIE, J. K., and MCQUEEN, E. G.: Immunofluorescent localization of Tamm-Horsfall mucoprotein in human kidney, 334
MCKIBBIN, B., O'GORMAN, L., and DUCKWORTH, T.: Catecholamine metabolite excretion in spina bifida, 687
MACLENNAN, W. J. *See* LEWIS, G. P., MACLENNAN, W. J., and MILLER, S.
MACMAHON, R. A. *See* BLOMFIELD, J., and MACMAHON, R. A.
MCNICOL, G. P. *See* FORBES, C. D., TURPIE, A. G. G., FERGUSON, J. C., MCNICOL, G. P., and DOUGLAS, A. S.
——. *See* MACKAY, N., FERGUSON, J. C., and MCNICOL, G. P.
——. *See* PRENTICE, C. R. M., MCNICOL, G. P., and DOUGLAS, A. S.
MCQUEEN, E. G. *See* MCKENZIE, J. K., and MCQUEEN, E. G.
Magnesium excretion, effect of ethanol, 152
—— ions, activation of serum 5′ nucleotidase by, with diagnostic applications, 144
—— tissue values as guide in detection of magnesium deficiency, 417
Malaria, C-reactive protein in, 430
——, *P. falciparum*, chloroquine resistance in (P), 509
Malaysia, West, myelosclerosis associated with systemic lupus erythematosus in, 433
MANDAL, A. R. *See* POWELL, D. E. B., THOMAS, J. H., MANDAL, A. R., and DIGNAM, C. T.
MANLEY, G., and WILLIAMS, U.: Urinary excretion of glycosaminoglycans in the various forms of gargoylism, 67
MARSDEN, P. *See* APARICIO, S. R., and MARSDEN, P.
MARTIN, N. H.: The immunoglobulins: a review, 117
——: Research and development (*Presidential Address*), 628
MASON, M. K.: Carcinoma *in situ* and early infiltrating carcinoma of the bronchus (P), 507
Mastitis, chronic, with epitheliosis, incidence of breast cancer in, 340
MATTHEWS, A. W., and STOVIN, P. G. I.: False positive Curry's test (L), 738
MATTHEWS, D. M. *See* LINNELL, J. C., HOFFBRAND, A. V., PETERS, T. J., and MATTHEWS, D. M.
——. *See* LINNELL, J. C., MACKENZIE, H. M., and MATTHEWS, D. M.
——. *See* LINNELL, J. C., MACKENZIE, H. M., WILSON, J., and MATTHEWS, D. M.
MATHIE, I. K. *See* FORTT, R. W., and MATHIE, I. K.
MAYNE, E. E., and CARVILLE, J. M.: Enumeration of platelets using a model B counter, 107
Melanoma and pigmentation of leptomeninges in Ugandan Africans, 183
Meningoencephalitis, amoebic, primary, *Naegleria* sp. isolated in, sensitivity to amphotericin B and other drugs of, 470
MENON, I. S. *See* DEWAR, H. A., and MENON, I. S.
Mesonephric defects, congenital, in male infants with mucoviscidosis, 725
Metaplasia, intestinal and squamous, combined, of renal pelvis, 187
Methaqualone and metabolites, detection in urine, 602
Michaëlsson's method for measurement of plasma total bilirubin, modification of, 439
Micrococcaceae, skin carriage of, 249
Microplates, use for monolayer tissue cultures, 503
Microtitre apparatus, syringe type of, for virus and other serological tests, 505
MIDDLETON, V. L. *See* GREEN, A. E., MIDDLETON, V. L., PRENTIS, K. G., and SIGNY, A. G.
MILES, D. W. *See* ROBERTS, B. E., WOODS, C. G., MILES, D. W., and PATERSON, C. R.
MILLER, G. A. H.: Haemodynamic and angiographic findings in patients with pulmonary embolism treated with streptokinase (P), 373
MILLER, S. *See* LEWIS, G. P., MACLENNAN, W. J., and MILLER, S.
Mongolism, infection in, and serum globulins, 76
MOONEY, F. S. *See* DAVIES, D. M., HEATHCOTE, J. G., and MOONEY, F. S.
MORRIS, C. A.: Influence of oral contraceptives on the presence and persistence of *Candida albicans* and β-haemolytic streptococci in the vagina, 488
MORRIS, P. J. *See* MCKENZIE, I. F. C., and MORRIS, P. J.
Monclayer tissue cultures, use of microplates for, 503
Mononucleosis, infectious, comparison of Monospot with Paul-Bunnell test in, 321, 324
Monospot test in infectious mononucleosis and other diseases, comparison with Paul-Bunnell test 321, 324
MUCKLE, T. J. *See* BEATTIE, E., and MUCKLE, T. J.
Mucoprotein, Tamm-Horsfall, in kidney, immunofluorescent localization of, 334
Mucoviscidosis, congenital mesonephric defects in male infants with, 725
MUIR, G. G., and VALTERIS, G.: Vaginal fluid enzyme patterns in benign and malignant lesions of the female genital tract, 593
Muscle, skeletal, magnesium values as guide in detection of magnesium deficiency, 417
Mycoplasma hominis, antibiotic susceptibility of, 483
Myeloid and lymphoid characteristics, mixed, in leukaemia (P), 743
—— cells, newborn and leukaemic, histochemical similarities between 458
Myelomatosis, multiple, and adult Fanconi syndrome, 414
Myelosclerosis and polycythaemia vera, bone changes in, 696
—— associated with systemic lupus erythematosus in West Malaysia, 433
Myocardial infarction, reaction pattern of fibrinolysis and plasma fibrinogen to, 659
Myocarditis, fatal, in adult, isolation of Coxsackie virus group B, type 5, from heart in, 654

Naegleria sp. isolated in primary amoebic meningoencephalitis, sensitivity to amphotericin B and other drugs, 470
NEEDHAM, A. L., and RICHARDS, H. G. H.: Observations on the vitamin B_{12} binding power of serum (P), 741
Needle biopsies of liver in suspected hepatitis, culture of, 701
—— biopsy smears in porphyria cutanea tarda, hepatic fluorescence in, 704
NELSON, M. G.: Automation in the laboratory, 1
——: Punch card data processing in haematology, 233
——. *See also* LAPPIN, T. R. J., LAMONT, A., and NELSON, M. G.
Neonates dying more than 48 hours after birth, disseminated fibrin thromboembolism among, 663
——, neutrophils in, and leukaemic myeloid cells, histochemical similarities between, 458
Neoplasia of bladder, diagnosis of, use of soluble swabs in, 731
Neoplastic change in endocervical canal, topography of, assessment by cytological method (P), 743
NEWMAN, C. G. H. *See* ROWLAND, R., and NEWMAN, C. G. H.
NILSSON, I. M.: Plasmin, plasmin inhibitors, and degradation products of fibrinogen in human serum during and after intravenous infusion of streptokinase (P), 371
——. *See also* ROBERTSON, B., NILSSON, I. M., and NYLANDER, G.
NOBLE, W. C.: Skin carriage of the Micrococcaceae, 249
Notices, 248, 382, 510, 626, 740
5′ Nucleotidase of serum, activation by magnesium ions, with diagnostic applications, 144
NYLANDER, G. *See* ROBERTSON, B., NILSSON, I. M., and NYLANDER, G.

O'BRIEN, J. R., SHOOBRIDGE, S. M., and FINCH, W. J.: Comparison of the effect of heparin and citrate on platelet aggregation, 28
OCKENDEN, B. G. *See* BLYTH, H. M., and OCKENDEN, B. G.
O'GORMAN, L. *See* MCKIBBIN, B., O'GORMAN, L., and DUCKWORTH, T.
OLSON, J. R., and WEAVER, D. K.: Congenital mesonephric defects in male infants with mucoviscidosis, 725
OMER, A.: Factors influencing the release of assayable folate from erythrocytes, 217
Orbit, primary chemodectoma of, 584
O'SHEA, M. J. *See* FLUTE, P. T., KAKKAR, V. V., FLANC, C., O'SHEA, M. J., HOWE, C. T., and CLARKE, M. B.
Ovary, teratoma of, causing gliomatosis peritonei, 348
Oxidase-peroxidase system with non-carcinogenic chromogen (dl adrenaline) in determination of blood glucose, 158
Oxygen therapy, pulmonary complications of, 192

PAGE, F. T. *See* HORN, M. E., KNAPP, M. S., PAGE, F. T., and WALKER W. H. C.
Paper chromatography, two-dimensional, in investigation of ketoaciduria, 422

PARKER, R. G. F. *See* FLEWETT, T. H., PARKER, R. G. F., and PHILIP, W. M.
Parkinsonism, idiopathic, substantia nigra in (P), 507
PATERSON, C. R. *See* ROBERTS, B. E., WOODS, C. G., MILES, D. W., and PATERSON, C. R.
Paul-Bunnell test in infectious mononucleosis and other diseases, comparison with Monospot test, 321, 324
PEEL, E. L.: An LDH isoenzyme anomaly (P), 746
PENNOCK, C. A.: A modified screening test for glycosaminoglycan excretion (L), 379
Peritoneal infections following peritoneal dialysis before and after renal transplantation, 539
Pernicious anaemia. *See* Anaemia, pernicious
PETERS, T. J. *See* LINNELL, J. C., HOFFBRAND, A. V., PETERS, T. J., and MATTHEWS, D. M.
PHILIP, W. M. *See* FLEWETT, T. H., PARKER, R. G. F., and PHILIP, W. M.
Pigmentation and melanoma of leptomeninges in Ugandan Africans, 183
Plasma and erythrocyte copper, micro determination by atomic absorption spectrophotometry, 136
—— bilirubin, total, Michaëlsson's method for measurement of, modification of, 439
—— calcium, ultramicrofluorimetric determination of, 222
—— cobalamins, estimation in normal subjects and in deranged vitamin B_{12} metabolism (P), 742
—— ——, patterns in controls and in vitamin B_{12} deficiency, 545
—— ——, values in normal subjects and in pernicious anaemia (L), 506
—— cortisol levels in right and left ventricular failure, 598
—— cortisol-binding capacity, determination by improved gel filtration method, 683
—— fibrinogen and fibrinolysis, reaction pattern to electroplexy, surgery and myocardial infarction, 659
——, human growth hormone in, radioimmunoassay using activated charcoal, 710
—— iron levels in National Blood Transfusion donors, 680
—— zinc levels, fasting and postprandial, comparison of (L), 623
Plasmin, plasmin inhibitors and fibrinogen degradation products in serum, effect of streptokinase (P), 371
Plasminogen activation and coagulation process (P), 367
—— —— —— thrombolysis (P), 368
—— —— —— —— *in vitro* (P), 369
—— activator in prostate, 442
—— levels, effect of streptokinase (P), 371
Plasmodium falciparum infections, chloroquine resistance in (P), 509
Platelets, *See* Blood platelets
Plating out of bacteria on solid medium, rotary machine for (L), 623
Pneumonia, viral, pulmonary calcification in, 361
Polyarteritis nodosa, renal vein thrombosis in, 396
Polycystic disease of kidneys and liver in children, clinico-pathological and family study (P), 508
Polycythaemia vera and myelosclerosis, bone changes in, 696
Polypi, glandular, aberrant, of uterine cervix associated with contraceptive pills, pathology and pathogenesis of, 84
Porphyria cutanea tarda, hepatic fluorescence in fine needle biopsy smears in, 704
POWELL, D. E. B., THOMAS, J. H., MANDAL, A. R., and DIGNAM, C. T.: Effect of drugs on vitamin B_{12} levels obtained using the *Lactobacillus leichmannii* method, 672
Precipitin tests using immunodiffusion and immunoosmophoresis in farmer's lung, influence of various parameters on sensitivity of, 515
Precipitins relevant to farmer's lung and aspergillosis in normal and other sera, 519
Pregnancy diagnosis, immunological tests for, comparative study of, 79
PRENTICE, C. R. M., MCNICOL, G. P., and DOUGLAS, A. S.: Pasminogen activation and the coagulation process (P) 367
PRENTIS, K. G. *See* GREEN, A. E., MIDDLETON, V. L., PRENTIS, K. G., and SIGNY, A. G.
Prostate, plasminogen activator in, 442
Protamine sulphate, modified test for Brucella agglutinins with, 527
Protein, C-reactive, in malaria, 430
Proteins, extraction from starch gel by freezing and thawing, device for, 379
Proteus mirabilis from hospital infections, serotyping and Dienes reaction on, 263
Pseudomonas aeruginosa, effect of Resiguard on, 496
——, sensitivity to gentamicin, effect of medium composition on, 534
Psychiatric patients, vitamin B_{12} deficiency screening of, economic and laboratory factors, 317
Pulmonary calcification in viral pneumonia, 361
—— complications of oxygen therapy, 192
—— embolism treated with streptokinase, haemodynamic and angiographic findings in (P), 373
Punch card data processing in haematology, 233

Quantimet in scanning of cervical smears (P), 743

Radioimmunoassay of human growth hormone in plasma, use of activated charcoal in, 710
Radioisotopes, diagnostic, assay in large liquid volumes with well-type crystal in end-on position, 240
Radioisotopic assay of vitamin B_{12}, ascorbic acid in preparation of intrinsic factor control for (L), 505
—— —— —— —— in serum, comparison with *Lactobacillus leichmannii* method (P), 741
RAVEN, J. L., ROBSON, M. B., and BARKHAN, P.: Underestimation of vitamin B_{12} in serum by a microbiological method (*Lactobacillus leichmannii*): comparison with a radioisotopic method (P), 741
——, ——, WALKER, P. L., and BARKHAN, P.: Improved method for measuring vitamin B_{12} in serum using intrinsic factor, $^{57}CoB_{12}$, and coated charcoal, 205
Red cell(s). *See* Erythrocyte(s)
Reiter and Wassermann complement-fixation tests, automatic apparatus for, using discrete analysis, 501
Renal biopsy, tissues embedded in epoxy resin for histological study in, 99
—— pelvis, intestinal and squamous metaplasia of, combined, 187
—— transplantation, haematological aspects of (P), 742
—— ——, peritoneal infections following peritoneal dialysis before and after, 539
—— vein thrombosis in polyarteritis nodosa and Henoch-Schoenlein syndrome, 396
Research and development, 628
Resiguard, evaluation as hospital disinfectant, 496
Reticulocyte uptake of transferrin-bound iron, effect of sulphydryl inhibition, 677
Reticulum cell sarcoma, agglutination of platelets by serum factor after EDTA treatment in, 460
RICHARDS, H. G. H. *See* NEEDHAM, A. L., and RICHARDS, H. G. H.
RICHMOND, J. *See* DONALDSON, G. W. K., DAVIES, S. H., DARG, A., and RICHMOND, J.
RINSLER, M. G. *See* BELLCHAMBERS, L. A., RINSLER, M. G., and SIGNY, A. G.
ROBERTS, B. E., WOODS, C. G., MILES, D. W., and PATERSON, C. R.: Bone changes in polycythaemia vera and myelosclerosis, 696
ROBERTSON, B., NILSSON, I. M., and NYLANDER, G.: Value of streptokinase and heparin in treatment of acute deep vein thrombosis (P), 372
ROBERTSON, J. *See* TODD, A. S., WOOD, S. M. ROBERTSON, J., and BROWN, R. A. G.
ROBSON, J. *See* GALLIE, F., and ROBSON, J.
ROBSON, M. B. *See* RAVEN, J. L., ROBSON, M. B., and BARKHAN, P.
——. *See* RAVEN, J. L., ROBSON, M. B., WALKER, P. L., and BARKHAN, P.
ROWE, B., and TAYLOR, J.: The bacteriology of traveller's diarrhoea (P), 744
ROWLAND, R., and NEWMAN, C. G. H.: Pulmonary complications of oxygen therapy, 192
ROY, S., and WOLMAN, L.: Electron microscopic observations on the virus particles in *Herpes simplex* encephalitis, 51
——. *See also* WOLMAN, L., and ROY, S.
RUOSS, C. F., and BOURNE, G. L.: Incidence of toxoplasmosis in women at a London hospital, 649
Rust, effect on haemagglutination test (L), 246
RYALL, R. *See* FIELDING, J., EDWARDS, S. A., and RYALL, R.

SALM, R.: Combined intestinal and squamous metaplasia of the renal pelvis, 187
SAMSON, R. R. *See* DELLIPIANI, A. W., SAMSON, R. R., and GIRDWOOD, R. H.
San Carlos viruses isolated from children with infectious hepatitis, electron microscopy study of, 40
SANDER, G.: Storage of virus-infected tissue culture substrates for the detection of serum antibodies by immunofluorescence, 737
Sarcoma, reticulum-cell, agglutination of platelets by serum factor after EDTA treatment in, 460
SCOLLAY, E. M. MACKAY. *See* MACKAY-SCOLLAY, E. M.
SEAKINS, J. W. T. *See* COWARD, R. F., SMITH, P., and SEAKINS, J. W. T.
SEAMAN, M. J.: Some haematological aspects of renal transplantation (P), 742
SFITANIDIS B.: A comparison of the Monospot with the Paul-Bunnell test in infectious mononucleosis and other diseases, 321
Septicaemia, Gram-negative, during haemorrhage from anastomotic ulcer, 642
Serological tests, syringe type of microtitre apparatus for, 505
Serotyping and Dienes reaction on *Proteus mirabilis* from hospital infections, 263
Serum antibodies, detection by immunofluorescence, storage of virus-infected tissue culture substrates for, 737
—— factor, agglutination of platelets in reticulum-cell sarcoma by, after EDTA treatment, 460
—— globulins and infection in mongolism, 76
—— immunoelectrophoretic patterns, detection of deficiencies in, 242
——, iron-binding capacity, unsaturated, estimation by semi-automated micromethod using radioactive iron, 605
—— lactate dehydrogenase isoenzymes, anomaly in (P), 746
—— 5′ nucleotidase activation by magnesium ions, with diagnostic applications, 144
—— plasmin, plasmin inhibitors and fibrinogen degradation products, effect of streptokinase (P), 371
—— vitamin B_{12} assay, Euglena method of, effect of antimicrobial agents, 554
——, —— —— binding capacity of (P), 741
—— —— —— levels estimated by *Lactobacillus leichmannii* assay, comparison with radioisotopic method (P), 741
—— —— —— —— —— —— ——, effect of drugs on, 672
—— —— ——, measurement by method using intrinsic factor, $^{57}CoB_{12}$, and coated charcoal, 205

SHAH, P. M. *See* DALAL, P. M., SHAH, P. M., ALLINGTON, M. J., and SHARP, A. A.
SHARP, A. A.: Thrombus dissolution (P), 369
——. *See also* BASSON, V., and SHARP, A. A.
——. *See also* DALAL, P. M., SHAH, P. M., ALLINGTON, M. J., and SHARP, A. A.
SHARP, J. L. *See* GOVAN, A. D. T., BLACK, W. P., and SHARP, J. L.
Shell freezing of liquids in blood transfusion bottles, apparatus for, 111
SHERRIFF, J. M. *See* BURNETT, D., GOUDIE, J. H., and SHERRIFF, J. M.
SHOOBRIDGE, S. M. *See* O'BRIEN, J. R., SHOOBRIDGE, S. M., and FINCH, W. J.
Siderosis in Bantu, aetiology of extrahepatic epithelial iron deposits in, 296
——, transfusional, and liver cirrhosis, 567
SIGNY, A. G. *See* BELLCHAMBERS, L. A., RINSLER, M. G., and SIGNY, A. G.
——. *See* GREEN, A. E., MIDDLETON, V. L., PRENTIS, K. G., and SIGNY, A. G.
SILBERBERG, B. *See* WOLF, P. L., SILBERBERG, B., ALBERT, S., HORWITZ, J., and VON DER MUEHLL, E.
SIMMONS, N. A.: Antibacterial action of combinations of colistin and the sulphonamides (P), 745
SINGH, J. N.: A modified test for Brucella agglutinins, 527
SINNIAH, R.: Transfusional siderosis and liver cirrhosis, 567
SITLANI, P. K. *See* FRENCH, E. A. and SITLANI, P. K.
Skeletal muscle magnesium values as guide in detection of magnesium deficiency, 417
Skin carriage of Micrococcaceae, 249
—— disinfection, comparative antibacterial activity of hexachlorophane in different formulations for, 90
——, survival of *Staphylococcus aureus* on (P), 745
SLOCOMBE, B., and SUTHERLAND, R.: Sensitivity of Gram-negative bacilli to ampicillin after six years' clinical usage, 644
SMITH, M. D., and KERNAGHAN, T.: Adsorption of ^{59}Fe on glassware and its effect on data deduced, 690
SMITH, P. *See* COWARD, R. F., SMITH, P., and SEAKINS, J. W. T.
Spectrophotometry, atomic absorption, micro determination of plasma and erythrocyte copper by, 136
SPENCER, D.: Recurrent familial inflammatory fibroid polyps of the small intestine (P), 743
SPILLMAN, J. C. *See* GOWLAND, E., KAY, H. F. M., SPILLMAN, J. C., and WILLIAMSON, J. R.
Spina bifida, catecholamine metabolite excretion in, 687
SPRAY, G. H.: Estimation of red cell folate activity, 212
Squamous and intestinal metaplasia of renal pelvis, combined, 187
Staining, standard microanatomical methods of, application to epoxy resin-embedded sections, 589
STAMP, T. C. B., DOAR, J. W. H., and WYNN, V.: Observations on some effects of L-triiodothyronine on carbohydrate and lipid metabolism in man, 132
Staphylococci from colonized ventriculo-atrial shunts (P), 745
—— —— —— —— ——, classification of, 475
—— isolated outside hospitals, changes in antibiotic sensitivity (1949-69) (P), 745
Staphylococcus aureus, survival on skin (P), 745
Starch gel, extraction of proteins by freezing and thawing from, device for, 379
—— ——, loading by means of filter paper wicks, 242
STOVIN, P. G. I. *See* MATTHEWS, A. W., and STOVIN, P. G. I.
STRACHAN, R. W. *See* BECK, J. S., DAWSON, A. A., HENDERSON, J. G., and STRACHAN, R. W.
Streptococci, β-haemolytic, and *C. albicans*, presence and persistence in vagina of, influence of oral contraceptives on, 488
Streptokinase and heparin, value in treatment of acute deep vein thrombosis (P), 372
——, effect on fibrinogen and plasminogen levels (P), 371
——, —— —— plasmin, plasmin inhibitors and fibrinogen degradation products in serum (P), 371
—— perfusion, intraarterial, in treatment of acute arterial thrombosis (P), 374
—— treatment of pulmonary embolism, haemodynamic and angiographic findings after (P), 373
STUART, J., BITENSKY, L., and CHAYEN, J.: Quantitative enzyme cytochemistry of leukaemic cells, 563
Substantia nigra in idiopathic Parkinsonism (P), 507
Sulphonamides and colistin, combined, antibacterial action of (P), 745
Sulphydryl inhibitors, effect on uptake of transferrin-bound iron by reticulocytes, 677
Surgery, reaction pattern of fibrinolysis and plasma fibrinogen to, 659
SUTHERLAND, R. *See* SLOCOMBE, B., and SUTHERLAND, R.
Swabs, soluble, in diagnosis of bladder neoplasia, 731
SYLVESTER, P. E. *See* GRIFFITHS, A. W., SYLVESTER, P. E., and BAYLISS, E. M.

Tamm-Horsfall mucoprotein in kidney, immunofluorescent localization of, 334
TAYLOR, C. W. *See* GOVAN, A. D. T., HAINES, R. M., LANGLEY, F. A., TAYLOR, C. W., and WOODCOCK, A. S.
TAYLOR, D. J. E. *See* BEARD, M. E. J., and TAYLOR, D. J. E.
TAYLOR, J. *See* ROWE, B., and TAYLOR, J.
TAYLOR, P. E., ZUCKERMAN, A. J., and BRIGHTON, W. F.: Laboratory tests in viral hepatitis (P), 744
——, ——, and FARROW, L. J.: Culture of needle biopsies of the liver from patients with suspected hepatitis, 701
TEAL, J. *See* ALEXANDER, J. G., and TEAL, J.
Television scanning of cervical smears by Quantimet (P), 743
Temporal bone, petrous, 'apparently barren regions' of (P), 507
TENNANT, G. B., and GREENMAN, D. A.: Determination of iron in solutions containing iron complexes, 301
Teratoma, ovarian, causing gliomatosis peritonei, 348
Thalassaemia, urinary beta-aminoisobutyric acid excretion in, 154
THOMAS, J. H. *See* POWELL, D. E. B., THOMAS, J. H., MANDAL A. R., and DIGNAM, C. T.
THOMPSON, R. P. H.: Modification of Michaëlsson's method for the measurement of plasma total bilirubin, 439
Thrombin and adenosine diphosphate, rate of platelet aggregation with, relation to platelet retention in glass bead columns, 560
Thromboembolism, fibrin, disseminated, among neonates dying more than 48 hours after birth, 663
Thrombolysis *in vitro* (P), 369
——, local factors in (P), 368
Thrombolytic substances, reference preparations for (P), 375
—— therapy in coronary thrombosis (P), 373
—— ——, Symposium on, 367
Thrombosis, arterial, acute, treatment with intraarterial streptokinase perfusion (P), 374
——, coronary, thrombolytic therapy in (P), 373
——, renal vein, in polyarteritis nodosa and Henoch-Schoenlein syndrome, 396
——, venous, deep, acute, treatment of (P), 372
——, ——, ——, ——, value of streptokinase and heparin in treatment of (P), 372
Thrombus dissolution (P), 369
Thymic tumours, hormone secretion by, fine structural evidence for, 407
Thyroid function tests (L), 113
Thyroiditis, lymphocytic, focal, and Hashimoto's disease, cellular infiltrate in, 326
Tissue cultures, monolayer, use of microplates for, 503
—— ——, virological, contamination with free-living soil amoeba of genus Hartmannella, 254
—— magnesium values as guide in detection of magnesium deficiency, 417
TODD, A. S.: Local factors in thrombolysis (P), 368
——, WOOD, S. M., ROBERTSON, J., and BROWN, R. A. G.: A case of leukaemia showing mixed myeloid-lymphoid characteristics and an unusual chromosome pattern (P), 743
TOMPSETT, S. L.: Interference from the presence of other substances in detecting and determining barbiturates in biological material, 291
Toxaemia, *Clostridium welchii*, fatal, due to ward infection (P), 508
Toxoplasmosis, incidence in women at London hospital, 649
Transferrin-bound iron, uptake by reticulocytes, effect of sulphydryl inhibition, 677
Transfusional siderosis and liver cirrhosis, 567
Transplantation, renal, haematological aspects of (P), 742
——, ——, peritoneal infections following peritoneal dialysis before and after, 539
Traveller's diarrhoea, bacteriology of (P), 744
TRIBE, C. R. *See* CASLING, M. F., and TRIBE, C. R.
Trichomonas, methods for detection in clinical material, 269
L-Triiodothyronine, effects on carbohydrate and lipid metabolism, 132
TRINDER, P.: Determination of blood glucose using 4-amino phenazone as oxygen acceptor (L), 246
——: Determination of blood glucose using an oxidase-peroxidase system with a non-carcinogenic chromogen, 158
TROTMAN, R. E.: Automatic apparatus for Wassermann and Reiter complement-fixation tests utilizing the 'discrete-analysis' principle 501
TROTT, P. A., WILLIAMS, G., and ATTRIDGE, P. W.: Use of soluble swabs in the diagnosis of bladder neoplasia, 731
Tumours, thymic, hormone secretion by, fine structural evidence for, 467
TURK, D. C. *See* INGHAM, H. R., and TURK, D. C.
TURPIE, A. G. G. *See* FORBES, C. D., TURPIE, A. G. G., FERGUSON, J. C., MCNICOL, G. P., and DOUGLAS, A. S.
TYMPANIDIS, K., and ASTRUP, T.: Transient appearance of fibrinolytic activity at the epithelium of the rat uterus, 36
Typhoid vaccine, monovalent (L), 738

Ugandan Africans, melanoma and pigmentation of leptomeninges in, 183
Ulcer, anastomotic, Gram-negative septicaemia during haemorrhage from, 642
Ultrafiltration by centrifugation, simplified apparatus for, 622
UNGAR, B. *See* LIE, J. T., UNGAR, B., and COWLING, D. C.
Urastrat (L), 623
Urinary beta-aminoisobutyric acid excretion in thalassaemia, 154
—— calcium/creatinine ratio as measure of urinary calcium excretion, 287
—— excretion of glycosaminoglycans in gargoylism, 67
—— leucocytes, staining of, in diagnosis of urinary tract inflammation, 492
—— magnesium excretion, effect of ethanol, 152
—— tract and other infections, *Proteus mirabilis* from, serotyping and Diencs reaction on, 263

Urine collection from women for bacteriological examination, **376**
——, detection of methaqualone and metabolites in, **602**
——, estimation of xylose in, modified method for, **621**
Uterus, epithelium of, transient fibrinolytic activity in rat, **36**

Vagina, presence and persistence of *C. albicans* and β-haemolytic streptococci in, influence of oral contraceptives on, **488**
Vaginal fluid enzyme patterns in benign and malignant lesions of female genital tract, **593**
VALTERIS, G. *See* MUIR, G. G., and VALTERIS, G.
Venems, cobra, effect on blood coagulation, platelet aggregation and fibrinclysis, **304**
——, gaboon viper, effect on blood coagulation, platelets and fibrinolytic enzyme system, **312**
Venous thrombosis, deep, acute, treatment of (P), **372**
——, ——, ——, value of streptokinase and heparin in treatment of (P), **372**
Ventricular failure, right and left, p'asma cortisol levels in, **598**
Ventriculo-atrial shunts, staphylococci colonizing (P), **745**
—— ——, —— ——, classification of, **475**
VERMYLEN, J. *See* AMERY, A., VERMYLEN, J., and VERSTRAETE, M.
VERSTRAETE, M. *See* AMERY, A., VERMYLEN, J., and VERSTRAETE, M.
VETTERS, J. M. *See* MACADAM, R. F., and VETTERS, J. M.
Viral hepatitis, laboratory tests in, and Australia antigen (P), **744**
—— pneumonia, pulmonary calcification in, **361**
Virological tests, syringe type of microtitre apparatus for, **505**
Virus-infected tissue culture substrates for detection of serum antibodies by immunofluorescence, storage of, **737**
Vitamin B_{12} binding capacity of serum (P), **741**
—— —— deficiency, effect on small intestinal absorption, **551**
—— —— ——, plasma cobalamin patterns in, **545**
—— —— ——, screening of psychiatric patients for, economic and laboratory factors in, **317**
—— —— metabolism, disorders of, estimation of plasma cobalamins in (P), **742**
—— ——, radioisotopic assay of, ascorbic acid in preparation of intrinsic factor control for (L), **505**
——, serum, Euglena assay method, effect of antimicrobial agents **554**
—— ——, —— levels, estimated by *Lactobacillus leichmannii* assay, comparison with radioisotopic method (P), **741**
—— ——, —— —— ——, effect of drugs on, **672**
—— ——, ——, measurement by method using intrinsic factor, $^{57}CoB_{12}$, and coated charcoal, **205**
VON DER MUEHLL, E. *See* WOLF, P. L., SILBERBERG, B., ALBERT, S., HORWITZ, J., and VON DER MUEHLL, E.

WAGSTAFF, W., FIRTH, R., BOOTH, J. R., and BOWLEY, C. C.: Large-scale screening by the automated Wassermann reaction, **236**
WALKER, P. L. *See* RAVEN, J. L., ROBSON,, M. B., WALKER, P. L. and BARKHAN, P.
WALKER, W. H. C. *See* HORN, M. E., KNAPP, M. S., PAGE, F. T., and WALKER, W. H. C.
WARD, J. D.: Gram-negative septicaemia during haemorrhage from an anastomotic ulcer, **642**
Wassermann and Reiter complement-fixation tests, automatic apparatus for, using discrete analysis, **501**
—— reaction, automated, large-scale screening of blood donors by, **236**
WATERWORTH, P. M.: The action of light on culture media, **273**
——. *See also* GARROD, L. P., and WATERWORTH, P. M.
WATSON, L. *See* DICK, M., EVANS, R. A., and WATSON, L.
WEAVER, D. K. *See* OLSON, J. R., and WEAVER, D. K.
WHITE, J. C. *See* LAU, K. S., and WHITE, J. C.
WHITTAKER, R. S. *See* AZZOPARDI, J. G., and WHITTAKER, R. S.
WILLIAMS, G.: Recent views on Buerger's disease, **573**
——. *See also* TROTT, P. A., WILLIAMS, G., and ATTRIDGE, P. W.
WILLIAMS, U. *See* MANLEY, G., and WILLIAMS, U.
WILLIAMSON, J. R. *See* GOWLAND, E., KAY, H. E. M., SPILLMAN, J. C., and WILLIAMSON, J. R.
WILLS, M. R.: The urinary calcium/creatinine ratio as a measure of urinary calcium excretion, **287**
——. *See also* CONNOLLY, C. K., and WILLS, M. R.
——. *See also* LEWIN, M. R., WILLS, M. R., and BARON, D. N.
WILSON, J. *See* LINNELL, J. C., MACKENZIE, H. M., WILSON, J., and MATTHEWS, D. M.
WOLF, P. L., SILBERBERG, B., ALBERT, S., HORWITZ, J., and VON DER MUEHLL, E.: Histochemical similarities between newborn and leukaemic myeloid cells and their possible significance, **458**
WOLMAN, L., and ROY, S.: The substantia nigra in Parkinsonism (P), **507**
——. *See also* ROY, S., and WOLMAN, L.
WOOD, S. M. *See* TODD, A. S., WOOD, S. M., ROBERTSON, J., and BROWN, R. A. G.
WOODCOCK, A. S. *See* GOVAN, A. D. T., HAINES, R. M., LANGLEY, F. A., TAYLOR, C. W., and WOODCOCK, A. S.
WOODS, C. G. *See* ROBERTS, B. E., WOODS, C. G., MILES, D. W., and PATERSON, C. R.
WRIGHT, I.: 'Apparently barren regions' of the temporal bone (P), **507**
WYNN, V. *See* STAMP, T. C. B., DOAR, J. W. H., and WYNN, V.

Xylose, estimation in urine, modified method for, **621**

ZEIS, P. M. *See* FESSAS, P., KONIAVITIS, A., and ZEIS, P. M.
Zinc, plasma levels, fasting and postprandial, comparison of (L), **623**
ZUCKERMAN, A. J., BIRD, R. G., DUNKLEY, L. J., and LOVE, G. J.: Examination by electron microscopy of the San Carlos viruses isolated from children with infectious hepatitis, **40**
——. *See also* TAYLOR, P. E., ZUCKERMAN, A. J., and BRIGHTON, W. D.
——. *See also* TAYLOR, P. E., ZUCKERMAN, A. J., and FARROW, L. J.